

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. SCIOS.010CP1	APPLICATION NO. 09/575,160
	APPLICANT Jue et al.	RECEIVED 16 2001 PATENT CENTER 1601/2500
	FILING DATE May 18, 2000	GROUP 1646

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
<i>[Handwritten signature]</i>	1	3,187,748	06/08/65	R.I. Mitchell et al.			04/29/63
	2	3,565,070	02/23/71	Hanson et al.	128	173	02/28/69
	3	3,658,059	04/25/72	Steil	128	173.R	12/08/69
	4	3,814,297	06/04/74	Warren	222	420.13	11/15/72
	5	3,826,413	07/30/74	Warren	222	402.13	07/18/72
	6	4,527,769	07/09/85	Stogner et al.			
	7	4,592,348	06/03/86	Water, IV et al.	128	200.23	12/14/84
	8	4,648,393	03/10/87	Landis et al.	128	200.23	11/02/84
	9	4,677,975	07/07/87	Edgar et al.	128	200.14	10/16/85
	10	4,790,305	12/13/88	Zoltan et al.	128	200.23	06/23/86
	11	4,803,978	02/14/89	Johnson, IV et al.	128	200.23	08/21/87
	12	4,812,405	03/14/89	Lair et al.	435	255	02/18/86
	13	4,818,700	04/04/89	Cregg et al.	435	252.33	10/25/85
	14	4,896,832	01/30/90	Howlett	239	322	08/25/88
	15	4,922,901	02/12/91	Keel et al.	360	110	02/15/90
	16	4,926,852	05/22/90	Zoltan et al.	128	200.23	09/30/88
	17	4,943,529	07/24/90	Van Den Berg et al.	435	172.3	07/28/87
	18	4,952,496	08/28/90	Studier et al.	435	91	12/29/86
	19	5,194,596	03/16/93	Tischer et al.	530	399	12/14/89
	20	5,219,739	06/15/93	Tischer et al.	435	69.4	07/27/90
	21	5,240,848	08/31/93	Keck et al.	435	240.2	07/10/89
	22	5,244,460	09/14/93	Unger et al.	604	53	11/27/91
	23	5,332,671	07/26/94	Ferrara et al.	435	240.1	08/04/89
	24	5,665,600	09/09/97	Hagenson et al.	435	320.1	09/18/91
	25	5,693,489	12/02/97	Studier et al.	435	69.1	06/14/94
	26	6,013,780	01/11/00	Neufeld et al.	536	23.1	01/21/97

EXAMINER <i>[Handwritten signature]</i>	DATE CONSIDERED <i>6/28/02</i>
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

Paper # 4

FORM,PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  <b>INFORMATION DISCLOSURE STATEMENT          BY APPLICANT</b>  (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. SCIOS.010CP1	APPLICATION NO. 09/501,199
	APPLICANT Jue et al.	GROUP 1646
	FILING DATE May 18, 2000	1646

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	27	EP-0370989	11/20/89	EP				
	28	EP-B0484401	07/27/90	EP				
	29	WO91/02058	02/21/91	PCT				
	30	WO93/12142	06/24/93	PCT				
	31	WO96/06641	03/07/96	PCT				
	32	WO98/10071	3/12/98	PCT				
	33	WO98/24811	06/11/98	PCT				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
	34	Achen et al., "Vascular endothelial growth factor D (VEGF-D) is a ligand for the tyrosine kinases VEGF receptor 2(Flk1) and VEGF receptor 3(Flt4)" <u>Proc. Natl. Aca. Sci.</u> 95:548-553 (1998)
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	36	Ausubel et al., "Current Protocols in Molecular Biology" eds. ( 1987)
	37	Beach and Nurse, "High-frequency transformation of the fission yeast <i>Schizosaccharomyces pombe</i> " <u>Nature</u> 290:140 (1981)
	38	C. Anthony, "The Biochemistry of Methylotrophs" <u>Department of Biochemistry University of Southampton, England</u> 269 (1982)
	39	Christinger et al., "Crystalization of the Receptor Binding Domain of Vascular Endothelial Growth Factor" <u>Proteins: Structure, Function, and Genetics</u> 26:353-357 (1996)
	40	Cohen et al."High Levels of Biologically Active Vascular Endothelial Growth Factor (VEGF) are Produced by the Baculovirus Expression System", <u>Growth Factors</u> 7:131-138 (1993)
	41	Cohen et al."VEGF121, a Vascular Endothelial Growth Factor (VEGF) Isoform Lacking Heparin Binding Ability, Requires Cell-surface Heparan Sulfates for Efficient Binding to VEGF Receptors of Human Melanoma Cells", <u>J. Biol. Chem.</u> 270:11322-11326 [1995]
	42	Conn et al., "Purification of glycoprotein vascular endothelial cell mitogen from a rat glioma-derived cell line" <u>PNAS USA</u> 87:1323-1327 (1990)
	43	Connolly et al., " Human Vascular Permeability Factor" <u>J. Biol Chem.</u> 264: 20017-20024 [1989]
	44	Connolly et al., "Tumot Vascular Permeability Factor Stimualtes Endothelial Cell Growth and Angiogenesis" <u>J. Clin. Invest.</u> 84: 1470-1478 (1989)

EXAMINER	DATE CONSIDERED
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	APPLICANT Jue et al.	RECEIVED 16 JAN 2001 FEDERAL CENTER 1600 2200
	FILING DATE May 18, 2000	GROUP 1646

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
45	Cregg et al. in, "High-Level Expression and Efficient Assembly of Hepatitis B Surface Antigen in: The Methylophilic Yeast, <i>Pichia Pastoris</i> , <u>Bio/Technology</u> " 5:479-485 (1987)
46	D. Gospodarowicz et al., "Isolation and Characterization of a Vascular Endothelial Cell Mitogen Produced by Pituitary-Derived Folliculo Stellate Cells" <u>PNAS USA</u> 86:7311-7215 (1989)
47	Dvorak et al. "Distribution of Vascular Permeability Factor (Vascular Endothelial Growth Factor) in Tumors: Concentration in Tumor Blood Vessels" <u>J. Exp. Med.</u> 174:1275-1278 (1991)
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53	Gitay-Goren et al. "Selective Binding of VEGF121 to One the Three Vascular Endothelial Growth Factor Receptors of Vascular Endothelial Cells", <u>J. Biol. Chem.</u> 271:5519-5523 [1996]
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63	Keck et al., "Vascular Permeability Factor, an Endothelial Cell Mitogen Related to PDGF" <u>Science</u> 246:1309-1312 (1989)
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	APPLICANT Jue et al.	RECEIVED 16 JAN 2001 1600223000
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EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
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70	Korz et al. "Simple fed-batch technique for high cell density cultivation of <i>Escherichia coli</i> ", <u>J. Bacteriol.</u> 39:59-65, (1995)
71	Leung et al., "Vascular Endothelial Growth Factor Is A Secreted Angiogenic Mitogen" <u>Science</u> 246:1306-1309 (1989)
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83	Soker et al., "Neuropilin-1 Is Expressed by Endothelial and Tumor Cells as an Isoform-Specific Receptor for Vascular Endothelial Growth Factor" <u>Cell</u> 92:735-745 [1998]
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88	Vincenti et al., "Assignment of the Vascular Endothelial Growth Factor Genes to Human Chromosome 6p21.3" <u>Circulation</u> 93:1493-1495 (1996)	
89	Wagner and Hynes, "Domain Structure of Fibronectin and Its Relation to Function" <u>J. Biol. Chem.</u> 254:6746-6754 [1979]	
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